

Receiving Report

Date: 13/4/19 Batch No: M/Q 5340
 Supplier: T11Y86ENKRWPP Dart P/O: 19599
 Packing Slip: Yes No Release Note Attached: Yes No N/A
 Invoice: Yes No Waybill Attached: Yes No N/A
 Receipt: Cash Cr Shipment Complete: Yes No N/A
 QC6 Inspection: 13/04/19 N/A
 Work Order: 13/04/19 N/A

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

Production/Admin: 13/4/19
 Date
 Received/Costing
 Initial

Location

Purchase Order Receipt Listing

Friday, April 19, 2013 7:51:49 AM

All amounts are calculated in domestic currency.

Page 1 of 1

All Vendors PO ID PO19549 Receipt Dates from 4/19/2013 to 4/19/2013 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Order ID/ Curr Type	Line Nbr/ Insp	Project ID Req	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
PO19549	1	VC-COP001	Thyssenkrupp Materials CA Ltd	M304B0.750X2.500 f	4/19/2013	4/19/2013	12.4000	\$17.81	0.0000	0	\$220.86
CAD	No			304 BAR .750 X 2.50 f		12.0000	DESJ02	\$220.86	0.0000	0	
	125340										
	2	M304B1.000X1.000 f			4/19/2013	4/19/2013	12.8500	\$12.00	0.0000	0	\$154.15
	No	304 bar 1.00 x 1.00 f				12.0000	DESJ02	\$154.15	0.0000	0	
	125340										
	3	M304B0.375X03.000 f			4/19/2013	4/19/2013	13.8300	\$9.43	0.0000	0	\$130.46
	No	M304 SS bar .375 x 3.00 f				12.0000	DESJ02	\$130.46	0.0000	0	
	125340										

Total Received Quantity:

39,0800

Total Qty to Inspect (PO U/M):

0.0000

Total Reject Quantity:

0.0000

Total Receipt Value:

\$505.46

Total Balance Due Quantity:

0.0000

B I L L O F L A D I N G

No: PEC 818052

Ship From:
THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 17Apr13 at 15:22 From PFW
 Probill
 Via VIM TRANSFER
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhicle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-556222- 1 Your PO # 19549
STAINLESS STEEL FLAT BAR 304-L HRAP
 .750" X 2.50" X 148.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
561787	170871	12 ' 4.0000 "	1	MTR 82

2) Our Order PEC-556222- 2 Your PO # 19549
STAINLESS STEEL SQ BAR 304L
 1.00" X 154.2500"

Heat Number	Tag No	Quantity	PCS	Wt LBS
257630	170872	12 ' 10.2500 "	1	MTR 45

3) Our Order PEC-556222- 3 Your PO # 19549
STAINLESS STEEL FLAT BAR 304-L HRAP
 .375" x 3.00" X 166.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
S-7529	170874	13 ' 10.0000 "	1	MTR 53

Tags	PCS	LBS
TOTAL: 3	3	180

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
 ** REFERENCED ON IT **

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY.

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G

No: PEC 818052

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 17Apr13 at 15:22 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frт PREPAID
Route 0- 0 Manifest
Vhicle Trailer
Slip STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

TOTAL (1-3) 3 PCS GW. 180 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 2 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY.

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

DATE



VALBRUNA

SLATER STAINLESS, INC.
2400 TAYLOR STREET WEST - PO BOX 630
FORT WAYNE IN 46802 USA
PHONE 260.434.2600 - FAX 260.434.2601

Product Certification Report

Report Number: **4861070**

Certified on Feb 15, 2013 Page 1 of 1

Order I.D.	Order Date	Commodity Code						
Dim 1	Dim 2	Dim 3	Heat I.D.	Customer I.D.	Customer Purchase Order			
1.0000	.0000	.0000	257630	002573	5400159468-R02			
Product Shape	Product Surface					Customer Grade		
Cold Drawn Squares	Cold Drawn Finish					304/304L		
Length (Inches)	Min.		132.000	Max.	156.000	Bill of Lading #	418944	Weight

Ship To | Attention: TKX LOGISTICS
COPPER AND BRASS SALES
8001 THYSSENKRUPP PARKWAY
NORTHWOOD, OH 43619

Sold To

VALBRUNA STAINLESS, INC.
2400 TAYLOR STREET WEST
FORT WAYNE, IN 46802

Lifts: 0016 0019

Condition A	EN 10204 DTD 1991	3.1	QQ-S-763F
UNS S30400	ASTMA 276-10		ASTMA 479-11
ASTMA 484-11	ASMEA 479-10		AMS 5639H
AMS 5647J	SAE-AMS QQ-S-763B		

OK

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	N
.020	1.68	.032	.020	.37	18.23	8.06	.64	.52	.09

BRINELL HARDNESS ASTM E10-12

HBW
206

TENSILE PROPERTIES ASTM E8-11

TS (PSI)	.2%YS (PSI)	%EL(2")	%RA
99900	69900	53.9	78.5

DAS
14
9-03 13/04/19

MACRO ASTM E340-00/E381-01

MACRO
OK

GRAIN SIZE ASTM E112-10

GRAIN SIZE	Etchant	Magnification X
5	Oxalic	100

ASTM A262-10 PR E(A Utilized)

OXALIC	Etchant	Magnification X
OK	Oxalic	500

No welding or weld repair done.

Material when shipped is free from contamination by mercury, radium, alpha source, and low melting elements. Chemical testing to one or more of the listed ASTM methods:

E415-08, E572-02a, E1019-11, E1085-95, E1086-08.

Location of tensile fracture: inside middle of gage length.

Chemical Analysis performed at Acciaierie Valbruna, Italy.

No mercury or low melting alloy contamination. No weld repair.

Material melted in Italy, manufactured in the United States.

Material conforms to listed specifications and is DFARS compliant.

Quality system is compliant with ISO 9001:2008. Produced in accordance with EN 10204 3.1.

Results relate only to the items tested. Certification shall not be reproduced except in full, without written approval of Valbruna Stainless Inc. The recording of false, fictitious, or fraudulent statements on this document may be punished as a felony under federal statutes, including Federal law, Title 18, Chapter 47. Consult material safety data sheet (MSDS) for hazard info.

I hereby certify that the reported figures are correct as contained in the records of the corporation.

Manager Laboratory Services

email: DHackett@valbruna.us

Dennis Hackett

BÖLLINGHAUS
STEEL

Böllinghaus Portugal Aços Especiais, SA
DIN EN ISO 9001:2008
TÜV CERT No. 01 100 030458

Abnahmeprüfzeugnis/Mill Test Certificate/Certif. de Qualidade

EN 10204:2004 / 3.1

No.: Nr.: /Nr.:

0000085542

Unsere innere Verweisung /Our Int. Ref. N/ ref int

Datum / Date / Data

5600017367 000140

20.12.2012

Normen / Standards / Normas

AISI 304/304L, execution as per ASTM A484/A484M-11,
specifications acc. to latest rev.: ASTM A193/A193M-11a, A182/A182M-11a, A262-10 Pract. E, A276-10, A314-08, A320/A320M-11a, A370-11a,
A473-01, A479/A479M-11, F899-11, E370, ASME SA479/SA479M, SA182/SA182M, SA193/SA193M, SA320/SA320M, SA370; SAE AMS
QQ-S-763B, AMS 5639H, AMS 5647J.

Kunde / Customer / Cliente

Comprador Inoxidable Inc.
3835 Cypress Drive, Suite 207
94954 Petaluma CA

Endgültiger Kunde / Final Customer / Cliente Final

Copper & Brass
8001 Thyssenkrupp Parkway
43619 Northwood, OH

Bestell Nr./Order Nr./Enc.Nr. 54435

Bestell Nr./Order Nr./Enc.Nr. 5400161090.9

Prüfgegenstand / Product / Produto

AISI 304/304L FLAT 2 1/2 x 3/4"

Gewicht / Weight / Peso

2,330 lb

Bunde / Bundle / Atados

01

Werkstoff-Nr.

Material-no.
Qualidade

1.4307

Werkstoff-Normbezeichnung / Material standard grade / Norma do material

X 2 CrNi 18-9

Beschreibung / Description / Descrição

Stainless steel flat bars, in hot rolled, straightened, pickled and annealed.

Item Nr.: SSREC00023

US DFAR 252.225-7014: MELT SOURCE: United Kingdom / MFG: Portugal.

DA
14
13/04/13

Schmelzen Nr. Cast nr. / Fusão nr.		Chemische Analyse in % / Chemical composition in % / Analise química em %																																																													
561787	C:	0.018	Si:	0.290	Mn:	1.680	P:	0.033	S:	0.027	Cr:	18.340	Ni: 8.060																																																		
EAF	Mo:	0.340	Co:	0.117	Cu:	0.450	N:	0.081	Ti:	0.003	W:	-	V: -																																																		
Proben Nr. Test no. Amostra no.		<table border="1"> <thead> <tr> <th colspan="2">ASTM E399</th><th colspan="11">ASTM A370</th></tr> <tr> <td colspan="2">Kerbsschlagarbeit Impact Test Resiliência</td><td colspan="2">Streckgrenze Yield point Tensão limite</td><td colspan="2">Dehnungsgrenze 1% point Limite de extensão</td><td colspan="2">Zugfestigkeit Tensile strength Tensão de rotação</td><td colspan="2">Dehnung Elongation Alongamento</td><td colspan="3">Einschnürung Reduction of area Coef. Estricção</td></tr> <tr> <td colspan="2" rowspan="4">(Charpy V)</td><td colspan="2">Rp 0.2 % [Ksi]</td><td colspan="2">Rp 1.0% [Ksi]</td><td colspan="2">Rm [Ksi]</td><td colspan="2">A {A50-50mm} [%]</td><td colspan="3">Z {A50-50mm} [%]</td></tr> <tr> <td colspan="2">[J]</td><td colspan="2">[KSI]</td><td colspan="2">[KSI]</td><td colspan="2">[%]</td><td colspan="3">[%]</td></tr> </thead></table>												ASTM E399		ASTM A370											Kerbsschlagarbeit Impact Test Resiliência		Streckgrenze Yield point Tensão limite		Dehnungsgrenze 1% point Limite de extensão		Zugfestigkeit Tensile strength Tensão de rotação		Dehnung Elongation Alongamento		Einschnürung Reduction of area Coef. Estricção			(Charpy V)		Rp 0.2 % [Ksi]		Rp 1.0% [Ksi]		Rm [Ksi]		A {A50-50mm} [%]		Z {A50-50mm} [%]			[J]		[KSI]		[KSI]		[%]		[%]		
ASTM E399		ASTM A370																																																													
Kerbsschlagarbeit Impact Test Resiliência		Streckgrenze Yield point Tensão limite		Dehnungsgrenze 1% point Limite de extensão		Zugfestigkeit Tensile strength Tensão de rotação		Dehnung Elongation Alongamento		Einschnürung Reduction of area Coef. Estricção																																																					
(Charpy V)		Rp 0.2 % [Ksi]		Rp 1.0% [Ksi]		Rm [Ksi]		A {A50-50mm} [%]		Z {A50-50mm} [%]																																																					
		[J]		[KSI]		[KSI]		[%]		[%]																																																					
		3030651.01.01		178.0		57.3		61.8		97.8		56.4	74.8																																																		

Visuelle Kontrolle Visual inspection Inspeção visual	<input checked="" type="checkbox"/> OK	ASTM E370		ASTM A262-10 Practice E		Wärmebehandlung Heat treatment Tratamento térmico						
ASTM A484 Maßkontrolle Dimensional inspection Inspecção dimensional	<input checked="" type="checkbox"/> OK	E 112-96e1		Korngrösse Grain size Tamanho do grão		IC Test Corrosão intercristalina		<input checked="" type="checkbox"/> Ok		Annealed Quenched 1900 °F (water quenched)		
Verwechslungsprüfung Test of identity Teste de identificação	<input checked="" type="checkbox"/> OK	Macrographische Untersuchung Macrographic test		Material free from segregation defects.		<input checked="" type="checkbox"/> Ok		David Reis				

Bemerkungen / Remarks / Observações

Micrographic test: approved.

Material is free of radiation contamination.

No weld-repair done.

Material is free of mercury.

Böllinghaus Portugal - Aços Especiais, SA

Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht.

We confirm that this material meets the specification according the mentioned standards.

Confirmamos que este material respeita as especificações de acordo com as normas referidas.

J29.KPP
From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2402418543

CstAr

CstOr PEC# 247626

Wgt.: 82.000 LB

Date 04/11/2013

John R. Gambetta



INSPECTION CERTIFICATE



Certificate Type : EN 10204/3.1

Our Sales Order No. OA-SBD-FR-1112-0168 Customer Order No. A11867	Invoice No. Invoice Date	EXP/1112-637 25/02/12	Certificate No. Date
--	-----------------------------	--------------------------	-------------------------

Customer
SUMMIT STAINLESS STEEL LLC
2001 Elizabeth Street
North Brunswick
New Jersey, 8902, USA

Trade Mark :



Inspector's Mark :



Material Details									
Stainless Steel Flat Bar HRAP Grade 304 L									
Steel Grade	304 / 304L / UNS S30400 / UNS S30403	Shape	Flat Bar	Size	3" x 3/8"				
Heat No.	S-7529	Tolerance	A 484	Length of Bars	12' - 14'				
Net Weight	1,609.373 LBS	Number of Bars	30	Melting Process	EF/AOD/MEMS.				
Bundle No's	AF-6142								
Requirements	AMS 5639H:2007 ASME SA 479:2011A	AMS 6647H:2007 ASTM A 182 - 11	AMS QQ-S-763B ASTM A 278 - 30	ASME SA 182:2011A ASTM A 479 - 11					

CHEMICAL ANALYSIS %

	C	Si	Mn	P	S	Cr	Mo	Ni	Cu	N2									
Min.						18		8											
Max.	0.03	1	2	0.04	0.03	20	1	10.6	1	0.1									
Melt	0.024	0.31	1.82	0.039	0.019	18.22	0.30	8.11	0.37	0.089									

MECHANICAL PROPERTIES

	YS(Rp 0.2%) (N/mm²)	UTS (N/mm²)	% Elongation	% Reduction Area	Hardness (BHN)	Charpy Impact V Notch (Longitudinal) (Joules)				
						Temp. Deg. (C)	RESULT			
Min.	205	515	40	50	140		1	2	3	Avg.
Max.		793			241					
Results	528.12	658.12	46.25	67.25	205					

Heat Treatment :

Solution Annealed 1050°C ,Soaking 1 hr & Water Quenched

Remarks :

- * Micro Macro Test : Satisfactory
- * No Mercury and Radioactive Contamination
- * Visual & Dimensional Inspection - O.K.
- * Material Identification Test - O.K.
- * Country of Origin of goods - India
- * Grain size as per ASTM E112 - 96 = 6.
- * IGC test as per ASTM A 262 PRACTICE E : Satisfactory
- * No weld Repairs were performed on this material
- * Melt source Country of Origin - INDIA

13/04/19

QA Head / MDT Inspector
AMBICA STEELS LIMITED

We confirm that the material is manufactured & supplied in accordance to the Purchase Order

Ambica Steels Limited, 15/162 Shreeji Steel Area, Sahibabad, 201301 Distt. Ghaziabad, U.P., INDIA
E-mail: info@ambicasteels.com Website: www.ambicasteels.com

From: ThyssenKrupp Materials NA

Del. : 2402418764

CsToR PECC# 247626

Date 04/11/2013

Cust. THYSSENKRUPP MATERIALS NA - ECAD
Wgt. : 53.000 LB

Jaini. Jankha



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO19549

Purchase Order Date 4/11/13

PO Print Date 4/11/13

Page Number 1 of 2

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone 905 669 9444

Vendor Fax 905 738 9033

Vendor Account Nbr

Buyer Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms Net 30

Currency CAD

FOB Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
M125340

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M304B0.750X2.500	304 BAR .750 X 2.500	4/19/13	12.00 Yes	Yours ppd f	\$18.0950 12.4	\$217.14
		Special Inst:	MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 (NOTE: AISI 303 NOT ACCEPTABLE)				
2	M304B1.000X1.000	304 bar 1.00 x 1.00	4/19/13	12.00 Yes	Yours ppd f	\$12.1875 12.85	\$146.25
		Special Inst:	MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 (NOTE: AISI 303 NOT ACCEPTABLE)				
3	M304B0.375X03.000	M304 SS bar .375 x 3.00	4/19/13	12.00 Yes	Yours ppd f	\$9.5833 13.83	\$115.00

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required YES NO

Change Nbr: 1

Change Date: 4/11/13



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO19549**

Purchase Order Date 4/11/13

PO Print Date 4/11/13

Page Number 2 of 2

Order From : VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone 905 669 9444

Vendor Fax 905 738 9033

Vendor Account Nbr

Buyer Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms Net 30

Currency CAD

FOB Destination-Collect

Special Inst: MATERIAL: AISI 304/316 SS BAR OR
AISI 304/316 SS PLATE
AS PER ASTM A276 OR ASTM A240

(NOTE: AISI 303 NOT ACCEPTABLE)

PO Total:

\$478.39

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

Change Nbr: 1

Change Date: 4/11/13

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required YES NO